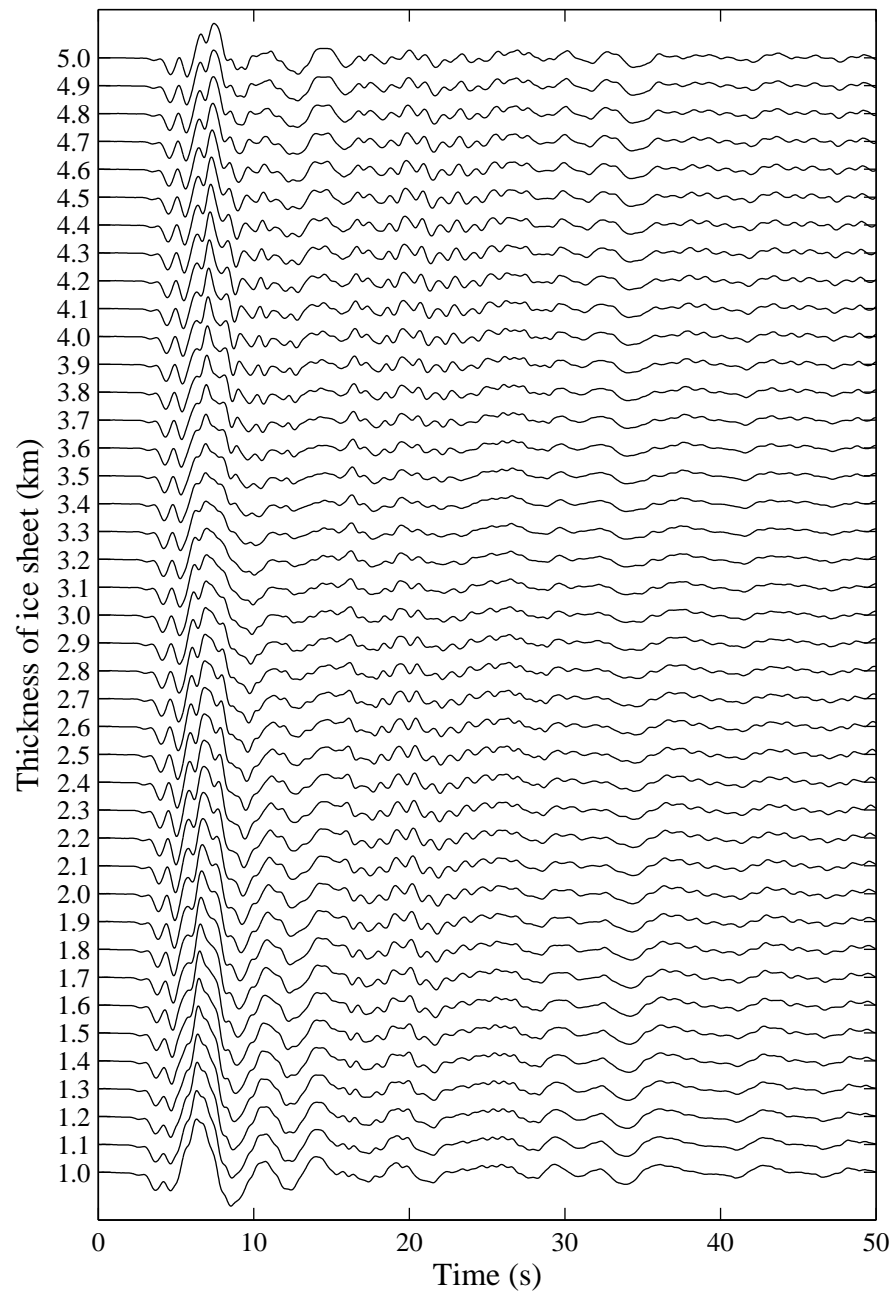
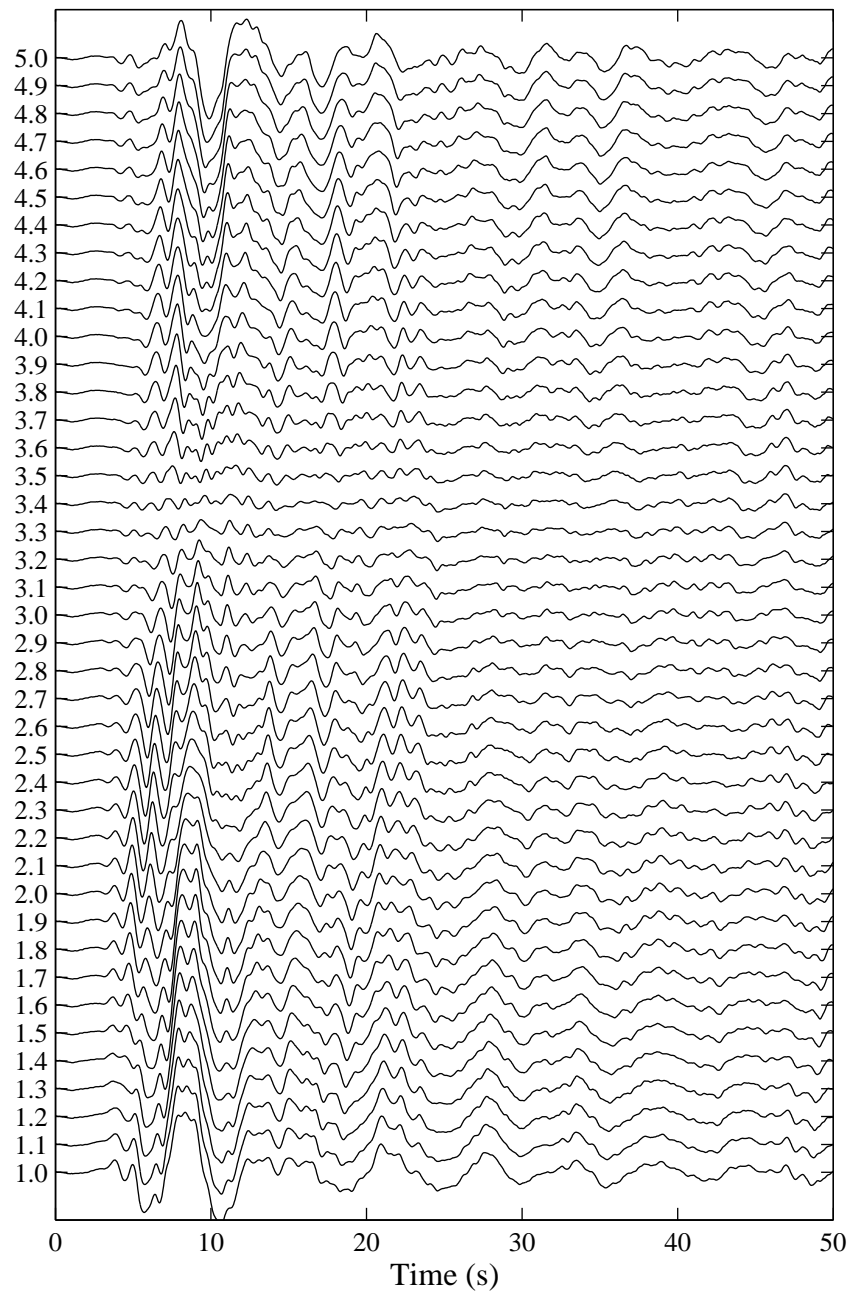
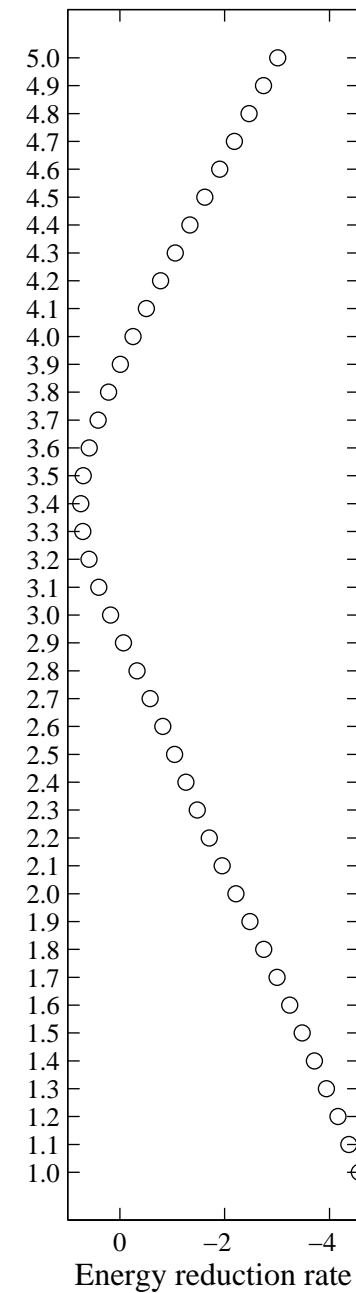
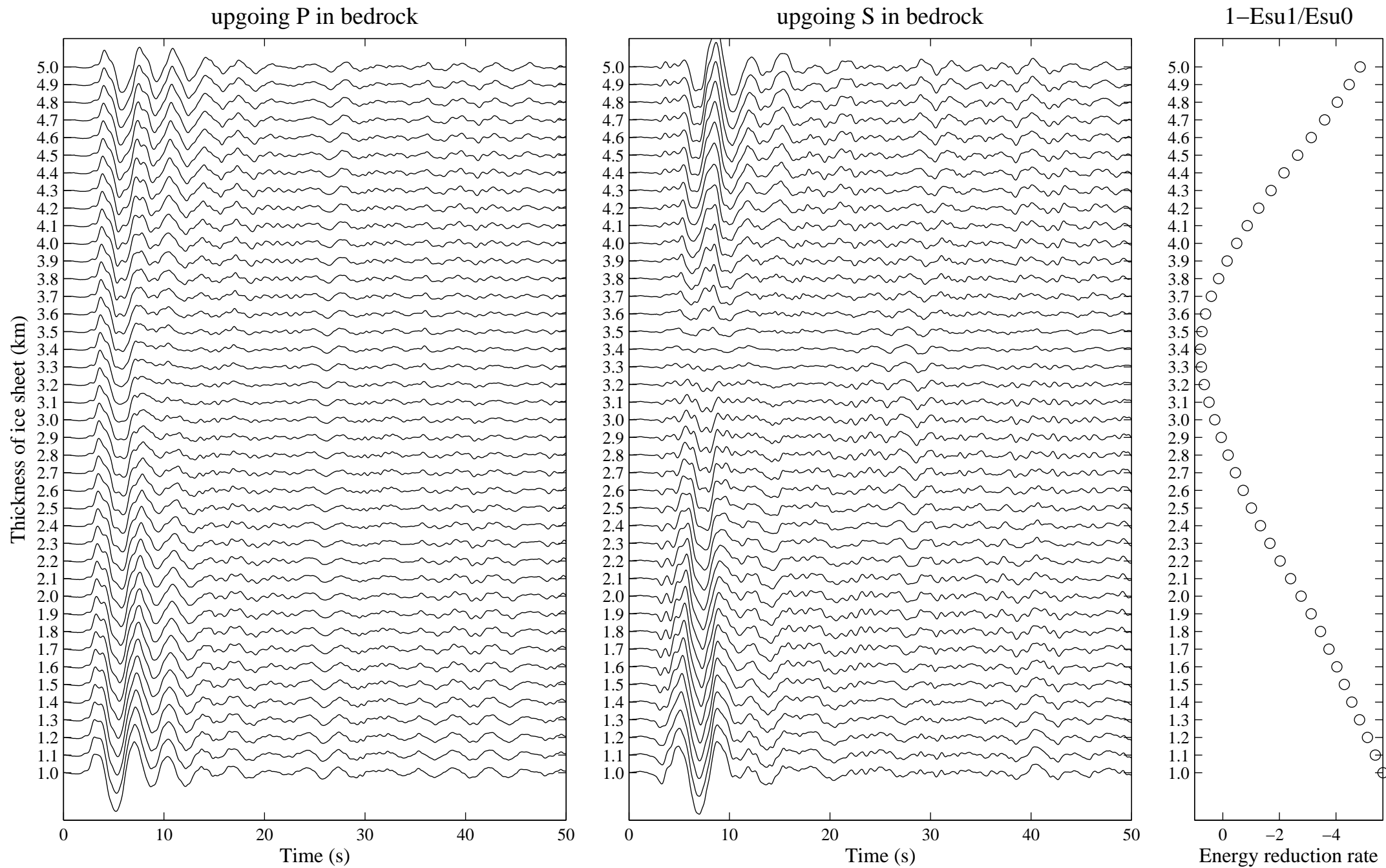


upgoing P in bedrock

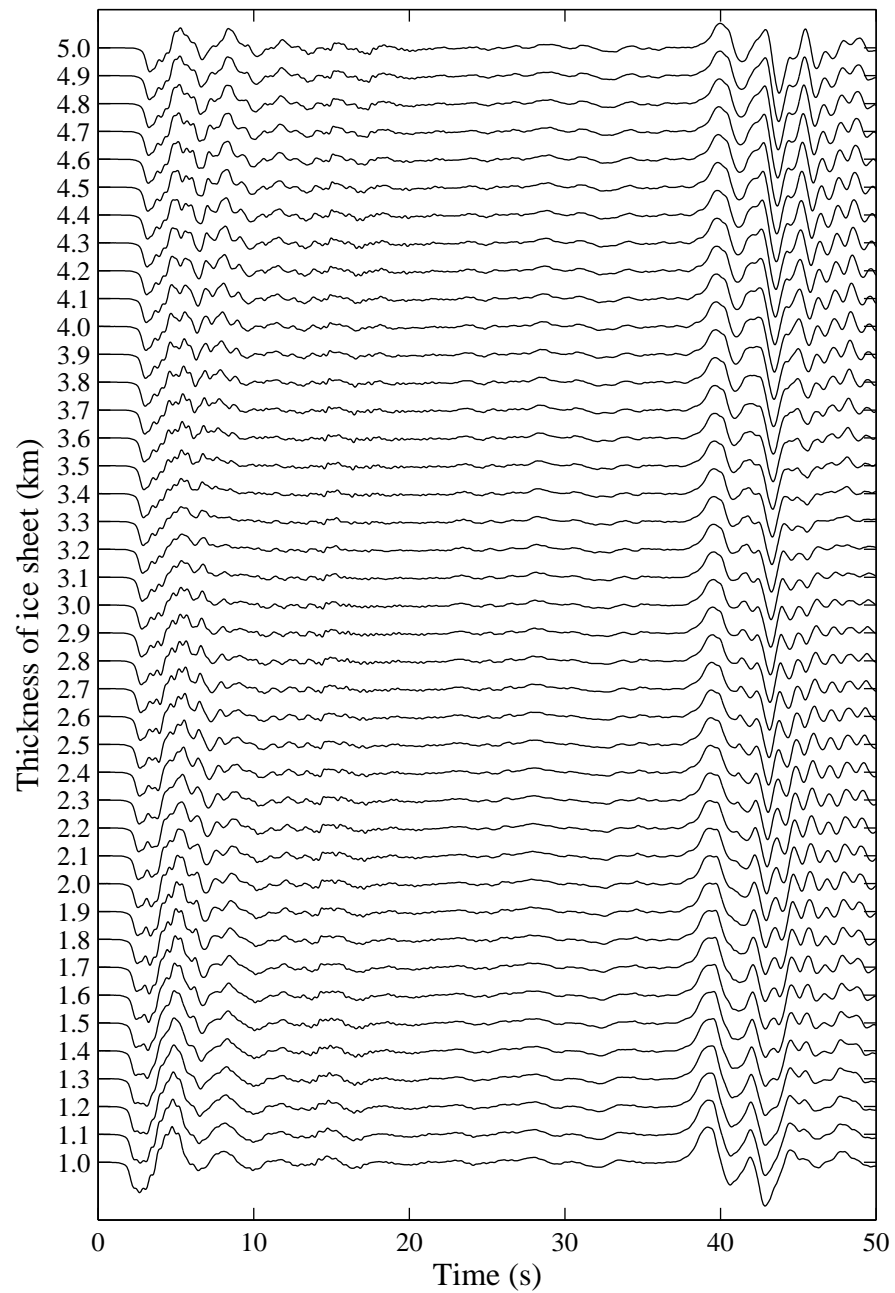


upgoing S in bedrock

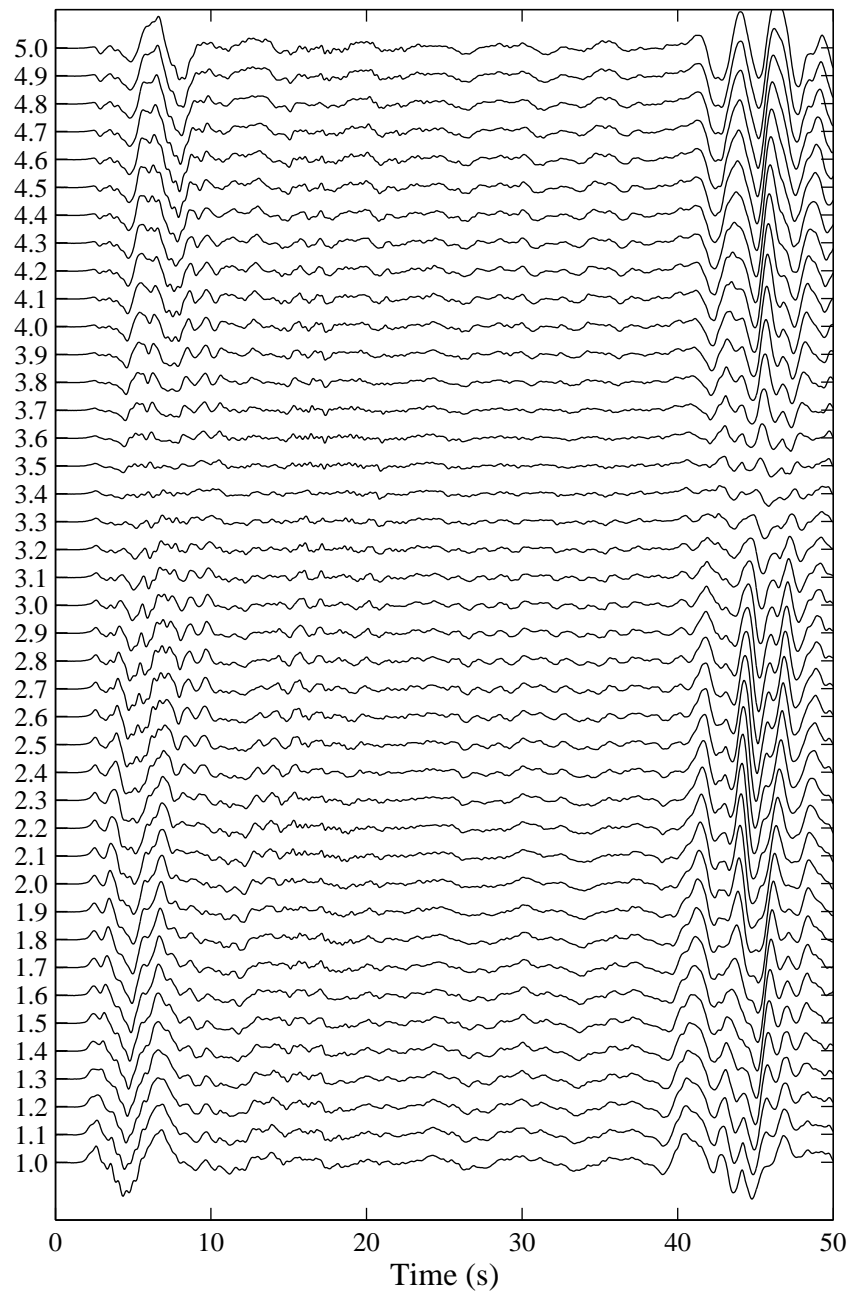
 $1 - E_{s1}/E_{s0}$ 



upgoing P in bedrock



upgoing S in bedrock

 $1 - E_{s1}/E_{s0}$ 